

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(coin transport\$3 unit) and (separat\$3 roller unit) and (support\$3 roller unit) and (support\$3 member) and (flexible belt)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/05/21 11:23
S1	2	"5355988".pn. or "6086472".pn.	US-PGPUB; USPAT; JPO	AND	ON	2006/11/30 14:39
S2	1	"20050042981"	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 18:10
S3	49	453/11.ccls.	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 09:38
S4	161	453/56.ccls.	US-PGPUB; USPAT; JPO	AND	ON	2006/12/05 08:02
S5	28	S3 separat\$3	US-PGPUB; USPAT; JPO	AND	ON	2006/12/01 14:06
S6	25	S3 separat\$3 @py<"2004"	US-PGPUB; USPAT; JPO	AND	ON	2006/12/01 14:06
S7	47	S4 separat\$3 @py<"2004"	US-PGPUB; USPAT; JPO	AND	ON	2006/12/01 14:54
S8	1	"453"/\$.ccls. (pivotable with roller) (support\$2 with unit) @py<"2003"	US-PGPUB; USPAT; JPO	AND	ON	2006/12/04 08:24
S9	10	"453"/\$.ccls. (pivotable with roller) @py<"2003"	US-PGPUB; USPAT; JPO	AND	ON	2006/12/04 08:24
S10	9	S9 not S8	US-PGPUB; USPAT; JPO	AND	ON	2006/12/04 08:47
S11	50	(US-20050042981-\$ or US-20030032387-\$ or US-20030221933-\$ or US-20060070841-\$ or US-20060260905-\$).did. or (US-5722882-\$ or US-5913399-\$ or US-4607739-\$ or US-4850468-\$ or US-4949532-\$ or US-5326312-\$ or US-5557908-\$ or US-5899804-\$ or US-5989118-\$ or US-6112941-\$ or US-6761627-\$ or US-6899214-\$ or US-5355988-\$ or US-4396029-\$ or US-4976376-\$ or US-4993990-\$ or US-5910044-\$ or US-4558711-\$ or US-5279404-\$ or US-5427220-\$ or US-5542520-\$ or US-5579886-\$ or US-5597061-\$ or US-5634544-\$ or US-5697483-\$ or US-5860855-\$).did. or (US-5908351-\$ or US-6042471-\$ or US-6350192-\$ or US-4385481-\$	US-PGPUB; USPAT	AND	ON	2006/12/04 14:49

		or US-4398550-\$ or US-6044139-\$ or US-6062560-\$ or US-6234469-\$ or US-6267663-\$ or US-3904021-\$ or US-3858380-\$ or US-4174047-\$ or US-4470730-\$ or US-4499984-\$ or US-4572225-\$ or US-4846333-\$ or US-4877179-\$ or US-4889245-\$ or US-4896481-\$).did.				
S12	8	"453"/\$.ccls. (separat\$3 adj roller)	US-PGPUB; USPAT; JPO	AND	ON	2006/12/05 07:58
S13	102	"453"/\$.ccls. separating roller	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 20:44
S14	67	"453"/\$.ccls. separating roller not S12 @py<"2003"	US-PGPUB; USPAT; JPO	AND	ON	2006/12/05 07:58
S15	9	453/56.ccls. @py<"2003" ((separat\$3 or reverse) near3 roller)	US-PGPUB; USPAT; JPO	AND	ON	2006/12/05 08:02
S16	9	(US-20050042981-\$).did. or (US-6003652-\$ or US-5722882-\$ or US-5015214-\$ or US-5022890-\$ or US-5135433-\$ or US-5355988-\$ or US-6086472-\$ or US-4920730-\$).did.	US-PGPUB; USPAT	AND	ON	2007/05/25 09:47
S17	2	S16 transverse	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/05/25 09:47
S18	48	(US-20050042981-\$ or US-20030032387-\$ or US-20030221933-\$ or US-20060070841-\$ or US-20060260905-\$).did. or (US-5722882-\$ or US-5913399-\$ or US-4607739-\$ or US-4850468-\$ or US-4949532-\$ or US-5326312-\$ or US-5557908-\$ or US-5899804-\$ or US-5989118-\$ or US-6112941-\$ or US-6761627-\$ or US-6899214-\$ or US-5355988-\$ or US-4396029-\$ or US-4976376-\$ or US-4993990-\$ or US-5910044-\$ or US-4558711-\$ or US-5279404-\$ or US-5427220-\$ or US-5542520-\$ or US-5579886-\$ or US-5597061-\$ or US-5634544-\$ or US-5697483-\$ or US-5860855-\$).did. or (US-5908351-\$ or US-6042471-\$ or US-6350192-\$ or US-4385481-\$ or US-4398550-\$ or US-6044139-\$ or US-6062560-\$ or US-6234469-\$ or US-6267663-\$ or US-3904021-\$ or US-3858380-\$ or US-4174047-\$ or US-4470730-\$ or US-4499984-\$	US-PGPUB; USPAT	AND	ON	2007/05/25 11:00

		or US-4572225-\$ or US-4846333-\$ or US-4877179-\$ or US-4889245-\$ or US-4896481-\$).did.				
S19	10	S18 transverse	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/05/25 11:00
S20	1	"20050020199"	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 08:27
S21	1	"20060019591"	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 08:28
S22	1	"20060183418"	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 08:28
S23	1	"6328646".pn.	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 08:28
S24	4	("4558711" "5207611").PN. OR ("6086472").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/29 08:59
S25	27	("0719459" "2792100" "3621854" "4342384" "4457320" "4462414" "4884992" "5059153").PN. OR ("5355988").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/05/29 09:02
S26	50	453/11.ccls.	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 09:38
S27	26	S26 roller	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 09:39
S28	4	S26 roller transverse	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 09:44
S29	18	S26 roller (transverse or perpendicular or opposite)	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 09:39
S30	165	453/56.ccls.	US-PGPUB; USPAT; JPO	AND	ON	2007/05/29 09:45
S31	2	S30 (transverse with roller)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/05/29 09:45
S33	77	"453"/\$.ccls. (support adj surface)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/05/30 11:26
S34	31	"453"/\$.ccls. (roller near4 adjust \$4)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/05/30 14:16
S35	586	271/274.ccls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:20
S36	1923	198/608,611,626.4.ccls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:20
S37	205	S35 convey\$2	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:21

S38	874	S36 convey\$2	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:21
S39	5	S36 (convey\$2 with (pinch or squeeze))	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:22
S40	16	S35 (convey\$2 with (pinch or squeeze))	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:22
S41	180	(S35 or S36) (roller with pivot \$4) convey\$2	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:28
S42	63	(S35 or S36) (roller with pivot \$4) convey\$2 bias\$2	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:28
S43	15	(S35 or S36) ((roller with pivot \$4) with bias\$2) convey\$2	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/08 09:29
S44	87	"453"/\$.ccls. belt flexib\$5	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 18:11
S45	61	"453"/\$.ccls. belt flexib\$5 @py<"2003"	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 18:11
S46	11	"453"/\$.ccls. (belt with flexib\$5) @py<"2003"	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 18:11
S47	6	"453"/\$.ccls. ((separating with roller) with (mov\$4 or adjust \$4))	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 20:47
S48	3	"453"/\$.ccls. ((separating adj roller) with (mov\$4 or adjust\$4 or distance))	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 20:54
S49	4	"209"/\$.ccls. ((separating adj roller) with (mov\$4 or adjust\$4 or distance))	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 20:48
S50	6	"453"/\$.ccls. (separating adj roller)	US-PGPUB; USPAT; JPO	AND	ON	2007/06/10 20:54
S51	8	("4920730" "5015214" "5022890" "5135433" "5355988" "5722882" "6003652" "6086472").pn.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/06/10 21:09
S52	1	"20050042981"	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2007/06/10 21:08
S53	1	"20040076544"	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/02/11 06:25
S54	4668	"453"/\$.ccls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:28
S55	20989	"194"/\$.ccls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:28

S56	94201	"198"/\$.cls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:28
S57	118966	S54 or S55 or S56	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:28
S58	31	S57 (resilient with support with under with belt)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:29
S59	4	("4558711" "5207611").PN. OR ("6086472").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/03 02:31
S60	0	S56 (urethane adj rubber) (polyamide adj core)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:38
S61	0	S56 (urethane with rubber) (polyamide with core)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:38
S62	12	S56 (urethane with rubber) polyamide	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:38
S63	33	S56 urethane polyamide	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:43
S64	21	S63 not S62	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:43
S65	4	("4004467" "4504258" "5595284" "5685417").PN. OR ("6983826").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/03 02:46
S66	0	S54 stripper	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 02:52
S68	4668	"453"/\$.cls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 04:07
S69	29	S68 stripper	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 04:07
S70	9	S68 (stripper with spring)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 04:12

S71	21	(US-20040134757-\$).did. or (US-5382191-\$ or US-6086472-\$ or US-5355988-\$ or US-6003652-\$ or US-5135433-\$ or US-4620807-\$ or US-6368204-\$ or US-4155440-\$ or US-3680853-\$ or US-5722882-\$ or US-5022890-\$ or US-5015214-\$ or US-4920730-\$ or US-4553663-\$ or US-5685417-\$ or US-5595284-\$ or US-4504258-\$ or US-4004467-\$ or US-6059650-\$).did. or (US-1863510-\$).did.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/03 04:21
S72	3	S71 clutch	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 04:21
S73	5	S68 ((separat\$3 with (unit or roller)) with clutch)	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 04:26
S75	232	"271"/\$.ccls. ((separat\$3 with roller) with ((one adj way) with clutch))	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 04:30
S76	74	"271"/121,122,125.ccls. ((separat\$3 with roller) with ((one adj way) with clutch))	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/03/03 04:31
S77	4	("4004467" "4504258" "5595284" "5685417").PN. OR ("6983826").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/03 06:27
S78	1	S77 urethane	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/03 06:27
S79	4	("4558711" "5207611").PN. OR ("6086472").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/11/06 10:22
S81	1	"20050042981"	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2008/11/06 10:54
S82	4716	"453"/\$.ccls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2009/05/21 09:48
S83	163	"453"/9.ccls.	US-PGPUB; USPAT; USOCR; JPO	AND	ON	2009/05/21 09:48
S84	2837	support member underneath	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/05/21 10:17
S85	0	S82 S84	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/05/21 10:17

S86	39636	flexible belt	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	ON	2009/05/21 10:17
S87	2	S82 S84	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/21 10:17
S88	16	S82 S86	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/05/21 10:17
S89	24	("4558712").PN. OR ("5135433").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/21 10:50
S90	35	("0719459" "2792100" "3621854" "4342384" "4457320" "4462414" "4558711" "4884992" "5059153" "5207611").PN. OR ("5355988" "6086472").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/05/21 10:51

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